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Allen

from 1 x 10^6 to 100 x 10^6 cP, resulting from the addition reaction, in the presence of a catalyst, of:

- (a) at least one polysiloxane of $f\phi$ rmula (I):

 $R_{1} \longrightarrow S_{1} \longrightarrow \begin{bmatrix} R_{2} & R_{2} & R_{2} & R_{2} & R_{1} & R_{1} & R_{2} & R_$

- R₁, which may be identical or different, are independently chosen from groups that can react by chain addition reaction,

- R₂ in formula (I), which may be identical or different, are independently chosen from alkyl, alkenyl, cycloalkyl, aryl, hydroxyl, and alkylaryl groups, optionally comprising at least one functional group,

- n is an integer wherein the polysiloxane of formula (I) has a kinematic viscosity ranging from 1 to 1 x 10⁶ mm²/s; and

- (b) at least one silicone compound comprising at least one and not more than two groups capable of reacting with the groups R₁ of the polysiloxane (a), wherein:

- at least one of the compounds of type (a) and (b) comprises an aliphatic group comprising an ethylenic unsaturation, and

(2) at least one additional silicone.

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AZ

23. (Once Amended) A composition according to claim 18, wherein said linear volatile silicone is decamethyltetrasiloxane.

A3

- 27. (Once Amended) A composition according to claim 25, wherein the silicone gums are chosen from:
- poly[(dimethylsiloxane)/(methylvinylsiloxane)],
- poly[(dimethylsiloxane)/(diphenylsiloxane)],
- poly[(dimethylsiloxane)/(phenylmethylsiloxane)], and
- poly[(dimethylsiloxane)/(diphenylsiloxane)/(methylvinylsiloxane)] and the following mixtures:
 - mixtures formed from a polydimethylsiloxane which is hydroxylated at the end of the chain and from a cyclic polydimethylsiloxane;
 - mixtures formed from a polydimethylsiloxane gum and from a cyclic silicone; and
 - mixtures of polydimethylsiloxanes of different viscosities.

A4

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96. (Once Amended) A rinse-out conditioner, a leave-in conditioner, a composition for permanent-waving the hair, a composition for straightening the hair, a composition for dyeing the hair, a composition for bleaching the hair, a rinse-out composition to be applied before a procedure chosen from dyeing, bleaching, permanent-waving and straightening the hair, a rinse-out composition to be applied after a procedure chosen from dyeing, bleaching, permanent-waving and straightening the

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A4 emt hair, a rinse-out composition to be applied between the two steps of a permanent-waving operation, a rinse-out composition to be applied between the two steps of a hair-straightening operation, a washing composition for the body, an aqueous lotion, an aqueous-alcoholic lotion, a gel, a milk, a cream, an emulsion, a thickened lotion, a mousse, or a detergent composition comprising a washing base comprising, in a cosmetically acceptable medium, (1) at least one silicone copolymer with a dynamic viscosity ranging from 1 x 10^6 to 100×10^6 cP, resulting from the addition reaction, in the presence of a catalyst, of:

- (a) at least one polysiloxane of formula (I):

$$R_{1} \xrightarrow{R_{2}} \begin{bmatrix} R_{2} & R_{2} \\ O & Si \\ R_{2} & R_{2} \end{bmatrix} \xrightarrow{R_{2}} R_{1} \qquad (I)$$

in which:

- R₁, which may be identical or different, are independently chosen from groups that can react by chain addition reaction,
- R₂ in formula (I), which may be identical or different, are independently chosen from alkyl, alkenyl, cycloalkyl, aryl, hydroxyl, and alkylaryl groups, optionally comprising at least one functional group,
- n is an integer wherein the polysiloxane of formula (I) has a kinematic viscosity ranging from 1 to 1 x 10^6 mm²/s; and

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A4 Cont - (b) at least one silicone compound comprising at least one and not more than two groups capable of reacting with the groups R_1 of the polysiloxane (a), wherein:

- at least one of the compounds of type (a) and (b) comprises an aliphatic group comprising an ethylenic unsaturation, and
- (2) at least one additional silicone.

AS

101. (Once Amended) A detergent composition according to claim 100, wherein said at least one surfactant is present in an amount effective to provide foaming power and detergent power.

Ab

105. (Once Amended) A process of washing or caring for a keratin material comprising applying to said keratin material a composition comprising, in a cosmetically acceptable medium, (1) at least one silicone copolymer with a dynamic viscosity ranging from 1×10^6 to 100×10^6 cP, resulting from the addition reaction, in the presence of a catalyst, of:

- (a) at least one polysiloxane of formula (I):

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in which:

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- R₁, which may be identical or different, are independently chosen from groups that can react by chain addition reaction,
- R₂ in formula (I), which may be identical or different, are independently chosen from alkyl, alkenyl, cycloalkyl, aryl, hydroxyl, and alkylaryl groups, optionally comprising at least one functional group,
- n is an integer wherein the polysiloxane of formula (I) has a kinematic viscosity ranging from 1 to 1×10^6 mm²/s; and
- (b) at least one silicone compound comprising at least one and not more than two groups capable of reacting with the groups R_1 of the polysiloxane (a), wherein:
 - at least one of the compounds of type (a) and (b) comprises an aliphatic group comprising an ethylenic unsaturation, and
- (2) at least one additional silicone.

A7

- 106. (Once Amended) A process for treating a keratin material comprising applying to said keratin material a composition comprising, in a cosmetically acceptable medium, (1) at least one silicone copolymer with a dynamic viscosity ranging from 1 x 10^6 to 100×10^6 cP, resulting from the addition reaction, in the presence of a catalyst, of:
 - (a) at least one polysiloxane of formula (I):

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 $R_{1} \longrightarrow Si \longrightarrow O \longrightarrow Si \longrightarrow O \longrightarrow Si \longrightarrow R_{1} \qquad (I)$ $R_{2} \longrightarrow R_{2} \longrightarrow R_{2} \longrightarrow R_{2}$

in which:

- R₁, which may be identical or different, are independently chosen from groups that can react by chain addition reaction,
- R₂ in formula (I), which may be identical or different, are independently chosen from alkyl, alkenyl, cycloalkyl, aryl, hydroxyl, and alkylaryl groups, optionally comprising at least one functional group,
- n is an integer wherein the polysiloxane of formula (I) has a kinematic viscosity ranging from 1 to 1 x 10^6 mm²/s; and
- (b) at least one silicone compound comprising at least one and not more than two groups capable of reacting with the groups R_1 of the polysiloxane (a), wherein:
 - at least one of the compounds of type (a) and (b) comprises an aliphatic group comprising an ethylenic unsaturation, and
- (2) at least one additional silicone,

and optionally rinsing said composition out with water.

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108. (Once Amended) A process for manufacturing a cosmetic product comprising including in said product (1) at least one silicone copolymer with a dynamic

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viscosity ranging from 1 x 10^6 to 100 x 10^6 cP, resulting from the addition reaction, in the presence of a catalyst, of:

- (a) at least one polysiloxane of formula (I):

$$R_{1} \longrightarrow Si \longrightarrow O \longrightarrow Si \longrightarrow O \longrightarrow Si \longrightarrow R_{1}$$

$$R_{2} \longrightarrow R_{2} \longrightarrow R_{2}$$

$$R_{2} \longrightarrow R_{2} \longrightarrow R_{2}$$

$$R_{3} \longrightarrow R_{2} \longrightarrow R_{3}$$

$$R_{4} \longrightarrow R_{2} \longrightarrow R_{3} \longrightarrow R_{4}$$

$$R_{5} \longrightarrow R_{2} \longrightarrow R_{3} \longrightarrow R_{4}$$

$$R_{6} \longrightarrow R_{2} \longrightarrow R_{3} \longrightarrow R_{4} \longrightarrow R_{5} \longrightarrow$$

in which:

- R₁, which may be identical or different, are independently chosen from groups that can react by chain addition reaction,
- R₂ in formula (I), which may be identical or different, are independently chosen from alkyl, alkenyl, cycloalkyl, aryl, hydroxyl, and alkylaryl groups, optionally comprising at least one functional group,
- n is an integer wherein the polysiloxane of formula (I) has a kinematic viscosity ranging from 1 to 1 x 10^6 mm²/s; and
- (b) at least one silicone compound comprising at least one and not more than two groups capable of reacting with the groups R₁ of the polysiloxane (a), wherein:
 - at least one of the compounds of type (a) and (b) comprises an aliphatic group comprising an ethylenic unsaturation, and
- (2) at least one additional silicone.

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